

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	129	heat with generating and exothermic and pouch and adhesive	US-PGPUB; USPAT	OR	ON	2007/10/22 14:01
S2	66	heat with generating and exothermic and pouch and adhesive and moisture	US-PGPUB; USPAT	OR	ON	2007/10/22 09:39
S3	340680	heat with generating and exothermic and pouch and adhesive and critical moisture	US-PGPUB; USPAT	OR	ON	2007/10/22 09:31
S4	0	heat with generating and exothermic and pouch and adhesive and "critical moisture"	US-PGPUB; USPAT	OR	ON	2007/10/22 09:31
S5	1	heat with generating and exothermic and adhesive and "critical moisture"	US-PGPUB; USPAT	OR	ON	2007/10/22 09:31
S6	4	"critical moisture value"	US-PGPUB; USPAT	OR	ON	2007/10/22 09:39
S7	254	"critical moisture"	US-PGPUB; USPAT	OR	ON	2007/10/22 09:39
S8	134	heat with generating and exothermic and adhesive and "moisture content"	US-PGPUB; USPAT	OR	ON	2007/10/22 14:11
S9	127	heat and warmer and exothermic and adhesive and "moisture content"	US-PGPUB; USPAT	OR	ON	2007/10/22 14:14
S10	0	"hand warmer" and exothermic and adhesive and "moisture content"	US-PGPUB; USPAT	AND	ON	2007/10/22 14:15
S11	0	"hand warmer" and adhesive and "moisture content"	US-PGPUB; USPAT	AND	ON	2007/10/22 14:15
S12	65	"hand warmer" and adhesive	US-PGPUB; USPAT	AND	ON	2007/10/22 14:15
S13	26	"hand warmer" and adhesive and moisture	US-PGPUB; USPAT	AND	ON	2007/10/22 15:19
S14	0	428/034.100	US-PGPUB; USPAT	AND	ON	2007/10/22 15:19
S15	0	428/34.1.clas.	US-PGPUB; USPAT	AND	ON	2007/10/22 15:22
S16	187807	"428"/.clas.	US-PGPUB; USPAT	AND	ON	2007/10/22 15:22
S17	187807	"428".clas.	US-PGPUB; USPAT	AND	ON	2007/10/22 15:22
S18	0	"428/34".clas.	US-PGPUB; USPAT	AND	ON	2007/10/22 15:22
S19	187807	"428".clas.	US-PGPUB; USPAT	AND	ON	2007/10/22 15:22
S20	90542	"428".clas. and heat	US-PGPUB; USPAT	AND	ON	2007/10/22 15:23

S21	529	"428".clas. and heat and warmer	US-PGRUB; USPAT	AND	ON	2007/10/22 15:23
S22	229	"428".clas. and heat and warmer and moisture	US-PGRUB; USPAT	AND	ON	2007/10/22 15:23
S23	11	("4516564"   "4756299"   "4925743"   "5046479"   "5184613"   "5230333"   "5233981"   "5331688"   "5342412"   "6099556"   "Re32026").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/10/22 16:17
S24	0	428/34.1.clas.	US-PGRUB; USPAT	OR	ON	2007/10/23 07:32
S25	808	428/34.1.icls.	US-PGRUB; USPAT	OR	ON	2007/10/23 07:34
S26	0	428/34.1.clas. and heat*	US-PGRUB; USPAT	OR	ON	2007/10/23 07:35
S27	0	428/34.1.clas. and heat	US-PGRUB; USPAT	OR	ON	2007/10/23 07:35
S28	0	428/34.1.clas. and warm\$	US-PGRUB; USPAT	OR	ON	2007/10/23 07:36
S29	0	428/34.1.clas. and pouch	US-PGRUB; USPAT	OR	ON	2007/10/23 07:54
S30	0	428/34.1.icls. and heat*	US-PGRUB; USPAT	OR	ON	2007/10/23 07:54
S31	574	428/34.1.icls. and heat\$	US-PGRUB; USPAT	OR	ON	2007/10/23 07:55
S32	15	428/34.1.icls. and heat\$ and exothermic	US-PGRUB; USPAT	OR	ON	2007/10/23 07:55
S33	574	428/34.1.icls. and heat\$	US-PGRUB; USPAT	OR	ON	2007/10/23 07:56
S34	0	2002/0121624	US-PGRUB; USPAT	OR	ON	2007/10/23 08:31
S35	0	2002/0121624.pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:32
S36	1	"20020121624".pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:32
S37	0	"2001002336".pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:33
S38	1	"20010023366".pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:33
S39	1	"20040149732".pn.	US-PGRUB; USPAT		ON	2007/10/23 08:41
S40	0	"2040042965".pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:49
S41	1	"20040042965".pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:49
S42	1	"20040178384".pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:52
S43	1	"20060154006".pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:55
S44	1	"6436128".pn.	US-PGRUB; USPAT	OR	ON	2007/10/23 08:56

S45	0	"64361285084986".pn.	US-PGPUB; USPAT	OR	ON	2007/10/23 08:57
S46	1	"5084986".pn.	US-PGPUB; USPAT	OR	ON	2007/10/23 08:58
S47	1	"5046479".pn.	US-PGPUB; USPAT	OR	ON	2007/10/23 08:58
S48	1	"5879378".pn.	US-PGPUB; USPAT	OR	ON	2007/10/23 09:00
S49	1839	water and content and warm\$ and adhesive and exothermic	US-PGPUB; USPAT	OR	ON	2007/10/23 09:54
S50	882	water and content and warm\$ and adhesive and exothermic and hand	US-PGPUB; USPAT	OR	ON	2007/10/23 09:56
S51	22	water and content and warm\$.ti. and adhesive and exothermic	US-PGPUB; USPAT	OR	ON	2007/10/23 09:57
S52	4	"critical moisture value"	US-PGPUB; USPAT	OR	ON	2007/10/23 16:40
S53	133	"critical moisture content"	US-PGPUB; USPAT	OR	ON	2007/10/23 16:41
S54	41	"critical moisture content" and adhesive	US-PGPUB; USPAT	OR	ON	2007/10/23 16:42
S55	33061	moisture transfer and adhesive	US-PGPUB; USPAT	AND	ON	2007/10/24 14:09
S56	1442	moisture transfer and adhesive and exothermic	US-PGPUB; USPAT	AND	ON	2007/10/24 14:10
S57	667	moisture transfer and adhesive and exothermic and heat with generat\$	US-PGPUB; USPAT	AND	ON	2007/10/24 14:10
S58	0	"water mobility valuer"	US-PGPUB; USPAT	AND	ON	2007/10/24 16:43
S59	5	"water mobility value"	US-PGPUB; USPAT	AND	ON	2007/10/24 16:43
S60	282	"water content value"	US-PGPUB; USPAT	AND	ON	2007/10/24 16:50
S61	1	jp "1874082"	US-PGPUB; USPAT	AND	ON	2007/10/25 13:16
S62	1	jp "1874082"	US-PGPUB; USPAT	AND	ON	2007/10/25 13:19
S63	4	jp "2744915"	US-PGPUB; USPAT	AND	ON	2007/10/25 13:19
S64	4	jp "2744915"	US-PGPUB; USPAT; JPO	AND	ON	2007/10/25 13:19
S65	1	jp "1874082"	US-PGPUB; USPAT; JPO	AND	ON	2007/10/25 13:20
S66	0	jp "1874082"	JPO	AND	ON	2007/10/25 13:20
S67	0	"jp 1874082"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/25 13:25

S68	6	"1874082"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/25 13:25
S69	1	"58-187482"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/25 13:29
S70	2	"58187482"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/25 13:30
S71	0	"582744915"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/25 13:40
S72	16	"2744915"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/25 13:40
S73	1	("2744915").PN.	US-PGRUB; USPAT	OR	OFF	2007/10/25 13:41
S74	4	"6264681"	US-PGRUB; USPAT	AND	ON	2007/10/25 16:46
S75	13	("4516564"   "4756299"   "4925743"   "5046479"   "5184613"   "5230333"   "5233981"   "5331688"   "5342412"   "6099556"   "Re32026").PN. OR ("6264681"). URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/10/25 16:47
S76	3	"us 6264681"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/25 16:50
S77	2	"us 6264681"	US-PGRUB; USPAT	OR	ON	2007/10/26 07:34
S78	11	("4516564"   "4756299"   "4925743"   "5046479"   "5184613"   "5230333"   "5233981"   "5331688"   "5342412"   "6099556"   "Re32026").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/10/26 07:39
S79	53	("5046479").URPN.	USPAT	OR	ON	2007/10/26 08:42
S80	53	("5046479").URPN.	USPAT	OR	ON	2007/10/26 08:59

S81	4	"us 5046479"	US-PGPUB; USPAT	AND	ON	2007/10/29 09:39
S82	53	("5046479").URPN.	USPAT	OR	ON	2007/10/29 09:39
S83	53	("5046479").URPN.	USPAT	OR	ON	2007/10/29 09:39
S84	64	("2573791"   "3301250"   "3976049"   "4268272"   "4516564"   "4554193"   "4756299"   "4865012"   "Re32026").PN. OR ("5046479"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/29 09:40
S85	11	("2573791"   "3301250"   "3976049"   "4268272"   "4516564"   "4554193"   "4756299"   "4865012"   "Re32026").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/29 09:40
S86	24	("1716551"   "3736769").PN. OR ("4865012").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/29 09:40
S87	24	("1716551"   "3736769").PN. OR ("4865012").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/29 09:40
S88	53	("5046479").URPN.	USPAT	OR	ON	2007/10/29 13:17
S89	53	("5046479").URPN.	USPAT	OR	ON	2007/10/29 13:17
S90	1626143	water content with hydrogel with adhesive with moisture	US-PGPUB; USPAT	OR	ON	2007/10/30 07:10
S91	0	"water content" with hydrogel with adhesive with moisture	US-PGPUB; USPAT	OR	ON	2007/10/30 07:11
S92	41	"water content" with hydrogel with adhesive	US-PGPUB; USPAT	OR	ON	2007/10/30 07:11
S93	761	hydrogel and adhesive and "water content" and moisture	US-PGPUB; USPAT	OR	ON	2007/10/30 07:51
S94	468	hydrogel and adhesive and "water content" and moisture and drying and prevent	US-PGPUB; USPAT	OR	ON	2007/10/30 07:52
S95	0	hydrogel and adhesive and "water content" and moisture and drying and prevent and "moisture adj3 transfer"	US-PGPUB; USPAT	OR	ON	2007/10/30 07:55
S96	0	hydrogel and adhesive and "water content" and moisture and drying and prevent and "water adj3 transfer"	US-PGPUB; USPAT	OR	ON	2007/10/30 07:55
S97	0	adhesive and "water content" and moisture and drying and prevent and "water adj3 transfer"	US-PGPUB; USPAT	OR	ON	2007/10/30 07:55
S98	0	adhesive and moisture and drying and prevent and "water adj3 transfer"	US-PGPUB; USPAT	OR	ON	2007/10/30 07:55
S99	0	adhesive and moisture and prevent and "water adj3 transfer"	US-PGPUB; USPAT	OR	ON	2007/10/30 07:56
S100	0	adhesive and moisture and "water adj3 transfer"	US-PGPUB; USPAT	OR	ON	2007/10/30 07:56

SI01	0	adhesive and "water adj3 transfer"	US-PGPUB; USPAT	OR	ON	2007/10/30 07:56
SI02	887	"moisture value"	US-PGPUB; USPAT	OR	ON	2007/10/30 07:56
SI03	36	"moisture value" with difference	US-PGPUB; USPAT	OR	ON	2007/10/30 07:56
SI04	1208	"moisture content" with difference	US-PGPUB; USPAT	OR	ON	2007/10/30 07:58
SI05	10	"moisture content" with difference and hydrogel	US-PGPUB; USPAT	OR	ON	2007/10/30 08:02
SI06	81	"moisture content" with difference and hydrophilic	US-PGPUB; USPAT	OR	ON	2007/10/30 08:02
SI07	404	"moisture content" with difference and transfer	US-PGPUB; USPAT	OR	ON	2007/10/30 08:03
SI08	196	"moisture content" with difference and transfer and loss	US-PGPUB; USPAT	OR	ON	2007/10/30 08:03
SI09	1876	"moisture content" with difference and transfer "hydrophilic gel"	US-PGPUB; USPAT	OR	ON	2007/10/30 08:04
SI10	2	"moisture content" with difference and transfer and "hydrophilic gel"	US-PGPUB; USPAT	OR	ON	2007/10/30 08:04
SI11	2	"moisture content" with difference and "hydrophilic gel"	US-PGPUB; USPAT	OR	ON	2007/10/30 08:05
SI12	83	"moisture content" and "hydrophilic gel"	US-PGPUB; USPAT	OR	ON	2007/10/30 08:05
SI13	239	"water content" and "hydrophilic gel"	US-PGPUB; USPAT	OR	ON	2007/10/30 08:08
SI14	4	"equilibrium moisture content" and "hydrophilic gel"	US-PGPUB; USPAT	OR	ON	2007/10/30 08:15
SI15	880	"equilibrium moisture content" and polymer	US-PGPUB; USPAT	OR	ON	2007/10/30 08:16
SI16	797105	"equilibrium moisture content" with difference and polymer	US-PGPUB; USPAT	OR	ON	2007/10/30 08:17
SI17	5	"equilibrium moisture content" with difference and polymer	US-PGPUB; USPAT	OR	ON	2007/10/30 08:17
SI18	11	"equilibrium moisture content" with difference	US-PGPUB; USPAT	OR	ON	2007/10/30 08:17
SI19	1284	"equilibrium moisture content"	US-PGPUB; USPAT	OR	ON	2007/10/30 08:18
SI20	357	"equilibrium moisture content" and gel	US-PGPUB; USPAT	OR	ON	2007/10/30 08:18
SI21	0	"moisture content" and transfer	US-PGPUB; USPAT	OR	ON	2007/10/30 08:26
SI22	21723	"moisture content" and transfer	US-PGPUB; USPAT	OR	ON	2007/10/30 08:26
SI23	602280	"moisture content" and transfer and gel	US-PGPUB; USPAT	OR	ON	2007/10/30 08:26
SI24	7445	"moisture content" and transfer and gel	US-PGPUB; USPAT	OR	ON	2007/10/30 08:26
SI25	39	"moisture content" and transfer and "hydrophilic gel"	US-PGPUB; USPAT	OR	ON	2007/10/30 08:27
SI26	2310	"moisture content" and moisture with transfer	US-PGPUB; USPAT	OR	ON	2007/10/30 08:34

SI27	445	"moisture content" and moisture with transfer and gel	US-PGPUB; USPAT	OR	ON	2007/10/30 08:35
SI28	89716	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and (moisture or water or h2o or "H.sub.2 O" or aqu\$4)	US-PGPUB; USPAT	OR	ON	2007/10/30 10:41
SI29	29683	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and (moisture or water or h2o or "H.sub.2 O" or aqu\$4) same (body or person\$3 or hand or foot or feet or back or joint)	US-PGPUB; USPAT	OR	ON	2007/10/30 10:42
SI30	6190	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and (moisture or water or h2o or "H.sub.2 O" or aqu\$4) same (body or person\$3 or hand or foot or feet or back or joint) and (hydrophilic or hydrophilic or hydro-philic or (hydro adj philic))	US-PGPUB; USPAT	OR	ON	2007/10/30 10:43
SI31	30925	(adhesive or glue) with (moisture or water or h2o or "H.sub.2 O" or aqu\$4) and content	US-PGPUB; USPAT	OR	ON	2007/10/30 13:56
SI32	10540	(adhesive or glue) with (moisture or water or h2o or "H.sub.2 O" or aqu\$4) and content and difference	US-PGPUB; USPAT	OR	ON	2007/10/30 13:57
SI33	17	(adhesive or glue) with (moisture or water or h2o or "H.sub.2 O" or aqu\$4) with content with difference	US-PGPUB; USPAT	OR	ON	2007/10/30 13:57
SI34	19	"5274865"	US-PGPUB; USPAT	OR	ON	2007/10/30 13:59
SI35	31	("1488743"   "3075529"   "3139631"   "3780537"   "4676247"   "4783866"   "4865012"   "4887326"   "4910978"   "5198804").PN. OR ("5274865").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 14:02
SI36	31	("1488743"   "3075529"   "3139631"   "3780537"   "4676247"   "4783866"   "4865012"   "4887326"   "4910978"   "5198804").PN. OR ("5274865").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 14:02
SI37	1504	(42B/34.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/30 14:28
SI38	3870	adhesive with (moisture or water or H2O or "H.sub.2." O) with (content or equilibrium or value or percent)	US-PGPUB; USPAT	AND	ON	2007/10/30 15:34
SI39	61	adhesive with (moisture or water or H2O or "H.sub.2." O) with (content or equilibrium or value or percent) and osmot\$4	US-PGPUB; USPAT	AND	ON	2007/10/30 16:07

S140	72	adhesive with (moisture or water or H2O or "H.sub.2." O) with (content or equilibrium or value or percent) and osmo\$4	US-PGPUB; USPAT	AND	ON	2007/10/30 16:07
S141	552	adhesive with (moisture or water or H2O or "H.sub.2." O) with (content or equilibrium or value or percent) and diffus\$4	US-PGPUB; USPAT	AND	ON	2007/10/30 16:12
S142	4276	(adhesive or glue) with (moisture or water or H2O or "H.sub.2." O) with (content or equilibrium or value or critical or percent)	US-PGPUB; USPAT	AND	ON	2007/11/01 07:06
S143	330	(adhesive or glue) with (moisture or water or H2O or "H.sub.2." O) with (content or equilibrium or value or critical or percent) and (polyacrylic and cellulose)	US-PGPUB; USPAT	AND	ON	2007/11/01 07:11
S144	264	(adhesive or glue) with (moisture or water or H2O or "H.sub.2." O) with (content or equilibrium or value or critical or percent) and equilibrium and layer	US-PGPUB; USPAT	AND	ON	2007/11/01 07:34
S145	117	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and (moisture or water or h2o or "H.sub.2 O' or aqu \$4) same (body or person\$3 or hand or foot or feet or back or joint) and "water activity"	US-PGPUB; USPAT	OR	ON	2007/11/01 07:53
S146	2	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and (moisture or water or h2o or "H.sub.2 O' or aqu \$4) same (body or person\$3 or hand or foot or feet or back or joint) and ("water activity" same difference)	US-PGPUB; USPAT	OR	ON	2007/11/01 07:56
S147	62	(adhesive or glue) with (moisture or water or H2O or "H.sub.2." O) with (content or equilibrium or value or critical or percent) and "water activity"	US-PGPUB; USPAT	AND	ON	2007/11/01 08:04
S148	46	adhesive with (moisture or water or H2O or "H.sub.2." O) with "water activity"	US-PGPUB; USPAT	AND	ON	2007/11/01 08:22
S149	5	adhesive with "water activity" same difference	US-PGPUB; USPAT	AND	ON	2007/11/01 08:23
S150	147	"water activity" same difference	US-PGPUB; USPAT	AND	ON	2007/11/01 08:24
S151	58	"water activity" same difference and migration	US-PGPUB; USPAT	AND	ON	2007/11/01 08:28
S152	131	"water activity" same differen\$3 and migration	US-PGPUB; USPAT	AND	ON	2007/11/01 08:32
S153	19	"3969514"	US-PGPUB; USPAT	AND	ON	2007/11/01 08:42



SI54	16	"6099556"	US-PGPUB; USPAT	AND	ON	2007/11/01 08:59
SI55	80	"5046479"	US-PGPUB; USPAT	AND	ON	2007/11/01 09:06
SI56	4	"6264681"	US-PGPUB; USPAT	AND	ON	2007/11/01 09:08
SI57	10	((exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and (moisture or water or h20 or "H.sub.2 O" or aqu\$4) same (body or person\$3 or hand or foot or feet or back or joint) and laminat\$4 and "air-tight bag"	US-PGPUB; USPAT	OR	ON	2007/11/01 09:22
SI58	14230	((exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and (moisture or water or h20 or "H.sub.2 O" or aqu\$4) same (body or person\$3 or hand or foot or feet or back or joint) and laminat\$4	US-PGPUB; USPAT	OR	ON	2007/11/01 09:23
SI59	21548	((exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) same laminat\$4) and (body or person\$3 or hand or foot or feet or back or joint)	US-PGPUB; USPAT	OR	ON	2007/11/01 09:24
SI60	13764	((exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) same laminat\$4) and (body or person\$3 or hand or foot or feet or back or joint) and (air tight or air-tight or airtight)	US-PGPUB; USPAT	OR	ON	2007/11/01 09:25
SI61	2621	((exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) same laminat\$4) and (body or person\$3 or hand or foot or feet or back or joint) and (air tight or air-tight or airtight) and bag	US-PGPUB; USPAT	OR	ON	2007/11/01 09:25
SI62	282	(hydrophilic or "hydro-philic" or (hydro adj philic) or hydrophillic or "hydro-phillic" or (hydro adj phillic) or hydrophylic or "hydro-phylic" or (hydro adj phylic) or hydrophyllic or "hydro-phylic" or (hydro adj phyllic) with (glue\$3 or adhesive) with gel	US-PGPUB; USPAT	AND	ON	2007/11/05 07:09
SI63	4671	(hydrophilic or "hydro-philic" or (hydro adj philic) or hydrophillic or "hydro-phillic" or (hydro adj phillic) or hydrophylic or "hydro-phylic" or (hydro adj phylic) or hydrophyllic or "hydro-phylic" or (hydro adj phyllic) with (glue\$3 or adhesive)	US-PGPUB; USPAT	AND	ON	2007/11/05 09:33

SI64	639	(hydrophilic or "hydro-philic" or (hydro adj philic) or hydrophilic or "hydro-philic" or (hydro adj philic) or hydrophylic or "hydro-phylic" or (hydro adj phylic) or hydrophylic or "hydro-phylic" or (hydro adj phyllic) with (glue\$3 or adhesive or bond\$4) with gel	US-PGPUB; USPAT	AND	ON	2007/11/05 15:35
SI65	0	"us 2002/0037270"	US-PGPUB; USPAT	AND	ON	2007/11/06 08:51
SI66	2	"2002/0037270"	US-PGPUB; USPAT	AND	ON	2007/11/06 08:51
SI67	1	"20020037270"	US-PGPUB; USPAT	AND	ON	2007/11/06 08:51
SI68	21	hydrogel with adhesive with filler	US-PGPUB; USPAT	AND	ON	2007/11/26 15:52
SI69	17270	adhesive with filler	US-PGPUB; USPAT	AND	ON	2007/11/26 15:54
SI70	662	hydrogel with adhesive and filler	US-PGPUB; USPAT	AND	ON	2007/11/26 15:54
SI71	9	hydrophilic wit gel with adhesive and filler	US-PGPUB; USPAT	AND	ON	2007/11/26 15:56
SI72	82	hydrophilic with gel with adhesive and filler	US-PGPUB; USPAT	AND	ON	2007/11/26 15:56
SI73	1985	428/34.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/10 12:31
SI74	485	428/34.1.ccls. and (heat or heat\$4 or exothermic or warm) and adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/10 12:33
SI75	16123	heat with pack	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/10 12:36
SI76	1200	heat.ti. with pack.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/10 12:36
SI77	132	heat.ti. with pack.ti. and adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/10 12:37
SI78	15697	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and ((moisture or water or h2o or "H.sub.2 O" or aqu\$4) with content)	US-PGPUB; USPAT	OR	ON	2009/03/02 13:33
SI79	14718	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same (adhesive or glue) and ((moisture or water ) with content)	US-PGPUB; USPAT	OR	ON	2009/03/02 13:33

S180	8768	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same ((adhesive or glue) and ((moisture or water ) adj content)	US-PGPUB; USPAT	OR	ON	2009/03/02 13:33
S181	291	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT	OR	ON	2009/03/02 13:34
S182	409	(exothermic or heat\$4 or (heat with generat\$5) or warm\$4) same ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 13:34
S183	0	(heat adj pack) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 13:50
S184	3	(hot adj pack) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 13:50
S185	0	(warming adj (pack or bag or pouch)) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 13:51
S186	28	(body adj warmer) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 13:51
S187	0	(heat adj pad) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 13:58
S188	17	(heating adj pad) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 13:58
S189	4	(hand adj warmer) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 14:07
S190	1	(foot adj warmer) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 14:08
S191	28	(body adj warmer) and ((adhesive or glue) with gel) and ((moisture or water ) adj content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 14:08
S192	5	((adhesive or glue) with gel) and ((moisture or water ) adj content) with migration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 14:16
S193	96	((adhesive or glue)) and ((moisture or water ) adj content) with migration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/02 14:18

S194	7	(critical adj moisture adj value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 13:06
S195	1	(critical adj moisture adj value) and migration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 13:06
S196	75859	(moisture or water or H <sub>2</sub> O or "H. sub.2." O) with (content or equilibrium or value or percent) and (diffus <sup>4</sup> or migration)	US-PGPUB; USPAT	AND	ON	2009/03/03 13:07
S197	630	(moisture or water or H <sub>2</sub> O or "H. sub.2." O) with (content or equilibrium or value or percent) with (migration)	US-PGPUB; USPAT	AND	ON	2009/03/03 13:07
S198	892	(moisture or water or H <sub>2</sub> O or "H. sub.2." O) with (content or equilibrium or value or percent) with (migration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 13:07
S199	300	(moisture or water or H <sub>2</sub> O or "H. sub.2." O) with (content or equilibrium or value or percent) with (migration) and (equal or same or equilibrate or equilibrated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 13:09
S200	698	(moisture or water or H <sub>2</sub> O or "H. sub.2." O) with (content or equilibrium or value or percent) with (migration) and (equal or "same" or equilibriat <sup>2</sup> or equilibrate or equilibrated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 13:11
S201	69	(water adj activity) with adjacent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 13:59
S202	0	(polymer or adhesive of film) with ((water or moisture) adj (content or value)) with (prevent or reduce or inhibit or eliminate) near <sup>5</sup> migration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:05
S203	3	(polymer or adhesive of film) with ((water or moisture) adj (content or value)) with (prevent or reduce or inhibit or eliminate) with migration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:05
S204	24	(polymer or adhesive of film) with ((water or moisture) adj (content or value)) with (prevent or reduce or inhibit or eliminate) with (migration or movement or dehydration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:06
S205	210	(polymer or adhesive of film) with ((water or moisture) adj (content or value)) with (migration or movement or dehydration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:10

S206	2	"20060172059"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:17
S207	29	(polymer or adhesive of film) with adjacent with ((water or moisture) adj (content or value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:20
S208	77	(water adj activity) with difference	US-PGPUB; USPAT	AND	ON	2009/03/03 14:28
S209	96	(water adj activity) with difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:28
S210	0	(polymer or adhesive of film) with ((water or moisture) adj (content or value)) with (prevent or reduce or inhibit or eliminate) with osmosis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:30
S211	1	(polymer or adhesive of film) with ((water or moisture) adj (content or value)) with osmosis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:30
S212	8	(water adj activity) with difference and osmosis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:31
S213	181	(water adj activity) with (osmosis or osmotic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:33
S214	1703	adjacent with ((water or moisture) adj (content or value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:42
S215	187	adjacent with layer with ((water or moisture) adj (content or value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:42
S216	19	adjacent with layer with ((water or moisture) adj (activity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:48
S217	0	("7229654").URPN.	USPAT	OR	OFF	2009/03/03 14:49
S218	209	layer with ((water or moisture) adj (activity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:49
S219	36003	osmosis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:59

S220	17789	osmosis with water	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:59
S221	115	osmosis with water with adjacent	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 14:59
S222	47	adhesive with gel with (thickening adj agent)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:23
S223	1335	bioadhesive with hydrogel	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:26
S224	945	(bioadhesive with hydrogel) and cellulose	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:26
S225	22	(bioadhesive with hydrogel) with cellulose	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:26
S226	67	(bioadhesive with hydrogel) same cellulose	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:28
S227	164	(adhesive with hydrogel) same cellulose and skin	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:30
S228	380	(adhesive with gel) same cellulose and skin	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:32
S229	3439	hydrogel same cellulose and skin	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:35
S230	1041	hydrogel same cellulose and skin and adhere	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:35
S231	271	hydrogel same cellulose and skin with adhere	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:35
S232	245	"4102340"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:39
S233	907761	hydrogel same cellulose and skin with adhere and filler or filling	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:41

S234	95	hydrogel same cellulose and skin with adhere and (filler or filling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:41
S235	0	hydrogel.ti. same cellulose and skin with adhere and (filler or filling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:42
S236	13	hydrogel.ti. and cellulose and skin with adhere and (filler or filling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:42
S237	160	hydrogel.ti. with adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:43
S238	17	hydrogel.ti. with adhesive and cellulose	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:44
S239	377	gel with adhesive with cellulose	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:47
S240	162	gel with adhesive with cellulose and (fill or filler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:48
S241	377	gel with adhesive with cellulose	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:52
S242	12009	hydrogel and cmc or hpmc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:59
S243	292	hydrogel with (cmc or hpmc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 15:59
S244	114	hydrogel with (cmc or hpmc) and adhesive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:02
S245	776	adhesive adj hydrogel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:09
S246	0	(adhesive adj hydrogel) and (organic adj filler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:24
S247	149	(adhesive adj hydrogel) and (filler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:24

S248	29	(adhesive adj hydrogel) and (filler) and carboxymethylcellulose	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:28
S249	1	(adhesive adj hydrogel) with carboxymethylcellulose	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:29
S250	1620	osmosis and ((water or moisture) adj (content or value)) and layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:34
S251	1718	((water or moisture) adj (content or value)) and layer and ((water or moisture) near5 migration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:34
S252	271	((water or moisture) adj (content or value)) with ((water or moisture) near5 migration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/03/03 16:35
S253	1562	((hydrogel or hydro\$gel or (hydro adj gel)) with adhesive) and cellulose	US-PGPUB; USPAT	OR	ON	2009/03/05 08:41
S254	1624	((hydrogel or hydro\$gel or (hydro adj gel)) with adhesive) and cellulose	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/05 08:41
S255	34	((hydrogel or hydro\$gel or (hydro adj gel)) with adhesive) and cellulose and (organic with (fill or filler))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/05 08:42
S256	18	((hydrogel or hydro\$gel or (hydro adj gel)) with adhesive) and (hydroxymethylcellulose or carboxymethylcellulose) and (organic with (fill or filler))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/05 08:45
S257	575	((hydrogel or hydro\$gel or (hydro adj gel)) with adhesive) and (hydroxymethylcellulose or carboxymethylcellulose)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/05 08:47
S258	32	((hydrogel or hydro\$gel or (hydro adj gel)) with adhesive) same (hydroxymethylcellulose or carboxymethylcellulose)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/03/05 08:47

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